# A Major Sewer Project with a Complete Street Finish

75<sup>th</sup>/76<sup>th</sup> Street Reconstruction Project

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City Engineer Transportation Group Leader

City of Richfield HR Green, Inc.







#### **Project Coordination**











#### Intermediate District 287

RESPONSIVE. INNOVATIVE. SOLUTIONS.









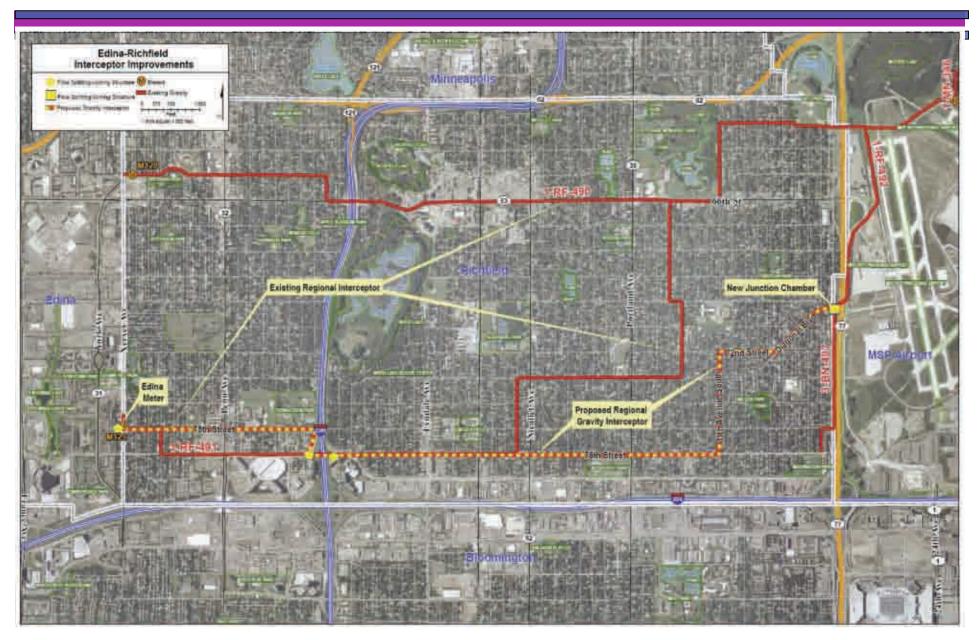








# Routing the Pipe



### Getting to Know 76th Street



- 5500 11500 ADT (1991)
- 77<sup>th</sup> Street Constructed
- 3150 5300 ADT (2009)
- State Aid Route
- Residential
- Lyndale Businesses



#### The Future of 76th Street

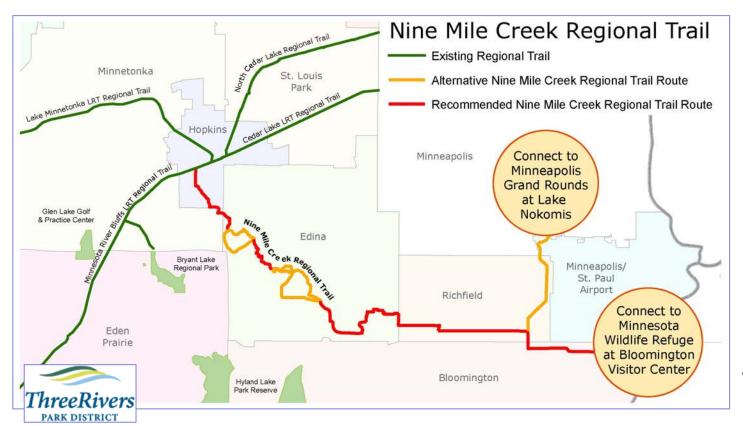


- Assumptions
  - -2 Lane
  - Regional Trail
  - Stay within existing Right-of-Way
    - 66 ft. ROW
    - 60 ft. ROW
  - Underground Utilities



#### Three Rivers Park District

- TRPD had plans for a regional trail across Richfield
  - Nine-Mile Creek Regional Trail





#### Defining the Process

- Complete Design Approach
- Gathering Meaningful Community Input
- Design Flexibility



#### Complete Design Approach

- Transportation Commission citizen advisory
- Open Houses & Public Meetings
- Identifying and Engaging ALL stakeholders
- Individual Meetings
  - Schools
  - Churches
  - Businesses
  - Residents



#### Citywide Notification



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January 2008								
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27	28	29	30	31				

October 25 | OPEN HOUSE Woodlake Lutheran Church 4 to 8 pm

November 14 | WORKSHOP City Hall 6 to 9 pm

November 28 | WORKSHOP City Hall 6 to 9 pm December 5 | TRANSPORTATION COMMISSION MEETING

City Hall 7 pm

December 18 | COMMUNITY SERVICES COMMISSION MEETING Community Center 7 pm

December 18 | PLANNING COMMISSION MEETING City Hall 7 pm January 10 | PRESENTATION OF PREFERRED ALTERNATIVE City Hall 6 to 9 pm

January 22 | CITY COUNCIL MEETING City Hall 7 pm

Proudly Serving I we made



### **Attention Getting Tools**



#### Community Values

- Everyone supported a new 76<sup>th</sup> Street
- Little resistance to the Regional Trail
- Desire for Bike Lanes
- Desire for a Sidewalk on both sides
- Undergrounding of parallel private utilities
- Boulevard Trees
- Parking only in areas that warranted it



# Design Flexibility



#### Comments to address:

- •Need wider safety buffer for trail (2 foot minimum)
- Desire for sidewalk on south side of street



#### Approved Street Section



76th Street

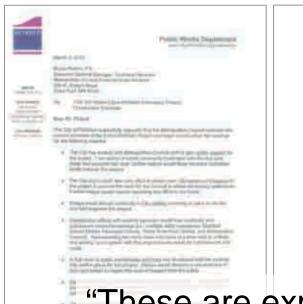


#### 75<sup>th</sup> Street



#### Outcome: Public Support

- MCES considers "shelving" the project
- City raises concerns with Metropolitan Council





"This project offers substantial improvements in safety and multi-modal mobility across the enter community and has promised huge quality of life improvements for the residents and businesses along the corridor."

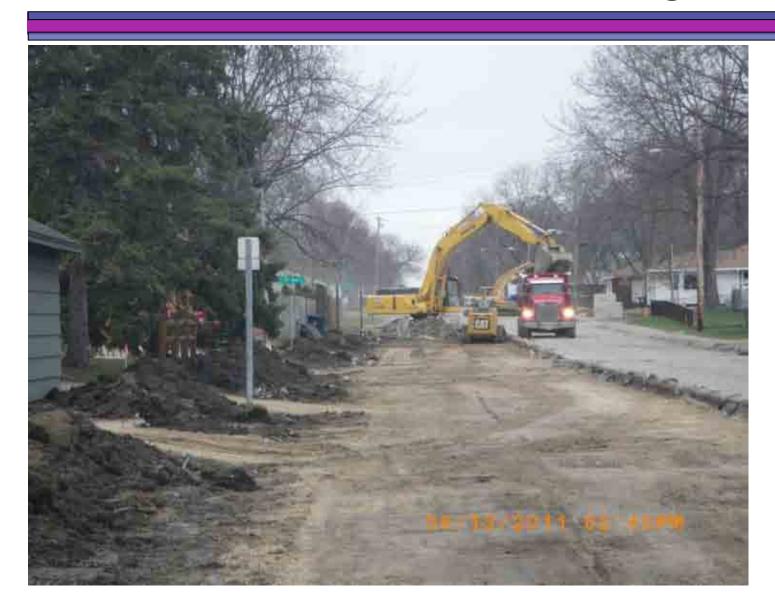
"These are expectations that are set; this is a community welcoming change."



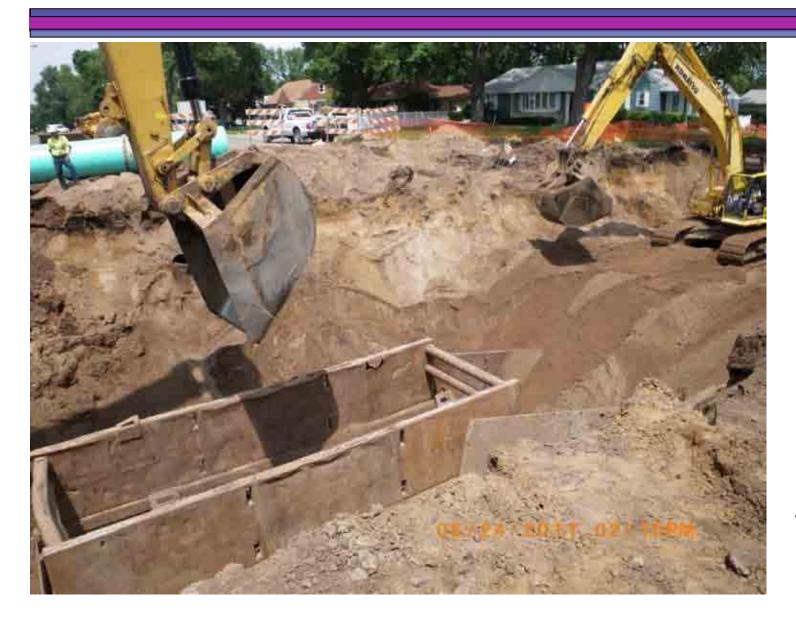
### Construction Begins



# **Construction Begins**



# Portland Avenue (30 feet deep)





#### Construction





#### Construction





#### Construction





# Approved Street Section





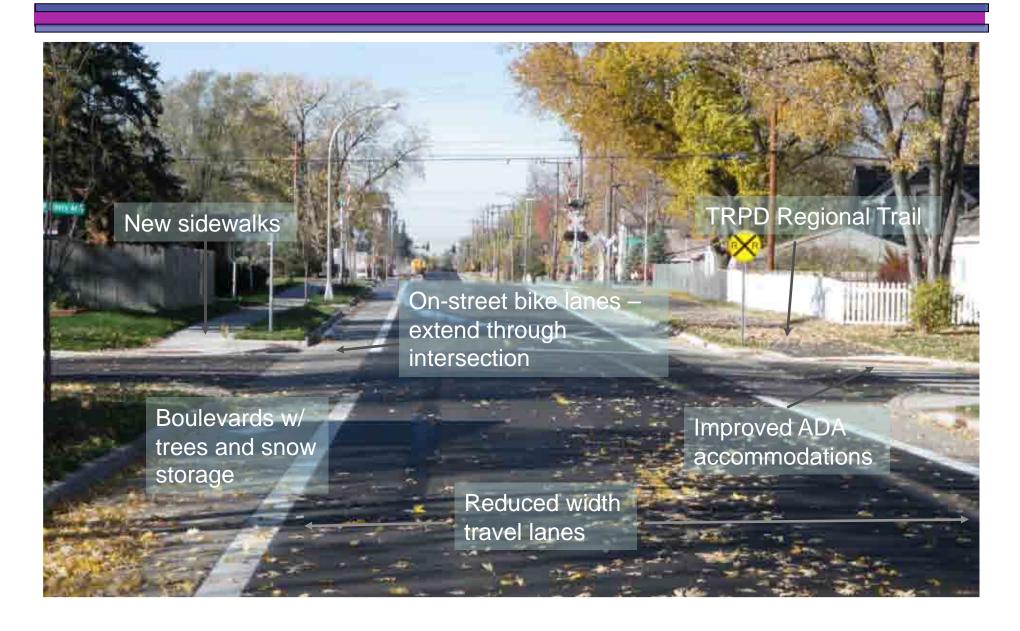
# Original 76th Street



- Mixed residential & commercial
- Low traffic
- Neighborhood complaints of speeding
- Frequent driveways and cross streets
- No ped./bike accommodations



# 76<sup>th</sup> Street Today



# Diagonal Boulevard



# Complete Design Approach

#### **Coordination among Multiple Agencies**

- MCES

- Mn/DOT

- Richfield

- ISD 287

- TRPD

- ISD 280

#### **Engagement of Diverse Stakeholders**

- Residents

- Businesses

- Agencies

- Churches

- Contractors

- Schools

#### **Design Flexibility**

- Lane widths

- Boulevard

- Trail striping

- Bike lanes

- Wide Gutter

- Regional Trail

#### Project Results



#### "Feels like home"



### Moving Forward

Complete Streets Policy

IS

Complete Design Process

